

**DEPARTMENT OF TRANSPORTATION****DIVISION OF ENGINEERING SERVICES**

Office of Structural Materials

Quality Assurance and Source Inspection



Bay Area Branch  
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Contract #: 04-0120F4Cty: SF/ALA Rte: 80 PM: 13.2/13.9File #: 69.15**SOURCE INSPECTION REPORT****Resident Engineer:**Pursell, Gary**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** SIR-002514**Date Inspected:** 18-Jul-2010**Project Name:** SAS Superstructure**OSM Arrival Time:** 700**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 1900**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Location:** Shanghai, China**Quality Control Contact:** Mr. Don Walton**Quality Control Present:** Yes No**Material transfer:** Yes No N/A**Sampled Items:** Yes No N/A**Stock Transfer:** Yes No N/A**OK to Cut:** Yes No N/A**Rebar Test Witness:** Yes No N/A**Delayed/Cancelled:** Yes No N/A**Other:** Coating Inspection**Bridge No:** 34-0006**Component:** See Below**Bid Item:** 77, 78, 79**Lot No:** B #204**Summary of Items Observed:**

On this date Caltrans Office of Structural Materials (OSM) Quality Assurance (QA) NACE II coating inspector, Mr. Baskar Govindarajan arrived on site at the Zhenhua Port Machinery Company (ZPMC) facility at Changxing Island in Shanghai, China. The purpose of the coating inspections are to monitor the surface preparation and coating applications for the SAS Bay Bridge project. This QA NACE II coating inspector observed the following:

1. An inspection was requested on the OBG Segment, External surface of Lift 8 W for DFT check and final acceptance, vide request no. 3725 at OBG assembly yard. Caltrans Engineer Mr. Aaron Prichlik have been informed for the same. Mr Aaron Prichlik from Caltrans came to the spot for final acceptance inspection and He accepted the same after through inspection of the surfaces. Also ,He remarked that, certain support areas need touch up repairs which ZPMC personnels attended immediately. This QA inspector observed, West side edge pannel near suspender Brackets (Photo attached) need to be Mist and final paint applied. All the Counter weight areas in West side Edge pannels found coated with Intercure 200 HS. International protective coatings technical service representative was not found present during the course of this inspection process.

2. An inspection was requested on the OBG Pre weld seam external damaged areas reblasting, (8AE) and Pre weld seam external and internal damaged areas re blasting (8CE), vide request no. 3729 at Heavy Dock Jetty, Port no. 5. This QA inspector observed, ABF inspectors Mr. Sun, Mr. Wei and Mr. Turtle accepted the Blasted surface for Interzinc 22 application. The profile measured by ZPMC QC inspectors found to be 70 to 82 microns which is acceptable as per contract documents. It was observed that, Due to High wind speed, ZPMC QC personnels requested abf inspectors for the use of Roller for applying Interzinc 22 which was found denied by ABF inspectors after consulting this issue with International protective coatings technical service representative Mr. Lou Qian

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## SOURCE INSPECTION REPORT

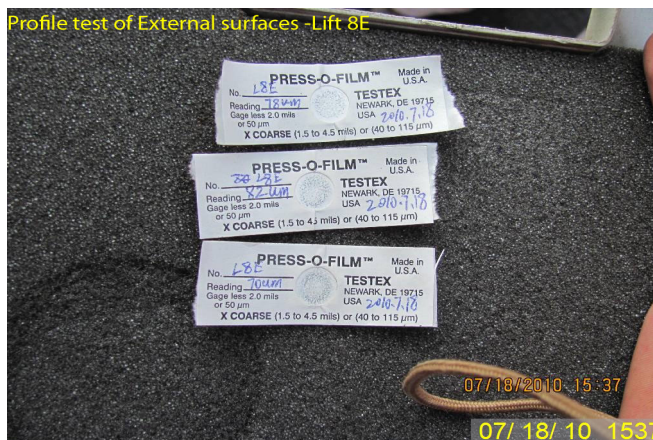
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Chuan. . (Photo of profile measured in 3 places is attached)

3. An inspection was requested on the OBG external support areas L8E, vide request no. 3726 at Heavy Dock jetty, This was found accepted by ABF Inspectors Mr. Vince and Mr. Hong. The profile measured at 3 places found to be 51 to 60 microns which is acceptable as per contract documents. International protective coatings technical service representative Mr. Lou Qian Chuan was found present during the course of this inspection process.

Unless otherwise noted, all work observed on this date appeared to generally comply with applicable contract documents.



### Summary of Conversations:

No Relevant Conversation

### Comments

This report is for the purpose of determining conformance with the contract documents and is not for the purpose of making repair or fit for purpose recommendations. Should you require recommendations concerning repairs or remedial efforts please contact Michael Ng (15921845703), who represents the Office of Structural Materials for your project.

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**Inspected By:** Baskar, Govindarajan

Quality Assurance Inspector

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**Reviewed By:** Clifford, William

QA Reviewer